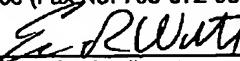


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CERTIFICATE OF FACSIMILE

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office (Fax No. 703-872-9306,) on August 24, 2004.



Attorney for Applicant

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/038,488
 Applicant : Wang Nang Wang et al.
 Title : SEMICONDUCTOR LASER BASED ON MATRIX, ARRAY
 OR SINGLE TRIANGLE OPTICAL CAVITY WITH
 SPATIALLY DISTRIBUTED CURRENT INJECTION
 Filed : January 3, 2002
 Docket No. : 1733.2.58
 Customer No. : 21552

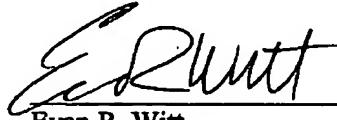
Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL OF REPLACEMENT PETITION TO
WITHDRAW HOLDING OF ABANDONMENT

Dear Sir:

A Petition to Withdraw Holding of Abandonment Under 37 CFR § 1.181 was filed with the U.S. Patent and Trademark Office along with 2 Exhibits and 22 sheets of substitute drawings on February 24, 2004. According to a date-stamped postcard, the Petition was received by the U.S. Patent and Trademark Office on February 27, 2004. Upon contacting the PTO on August 23, 2004, Applicant's attorney discovered that there was no record of the Petition being filed with the PTO. Enclosed is a copy of the Petition and enclosures as filed on February 24, 2004, along with a copy of the date-stamped postcard. Applicant requests favorable consideration of this Petition.

Respectfully submitted,



Evan R. Witt

Reg. No. 32,512
 Attorney for Applicants

Date: August 24, 2004

MADSON & METCALF
 Gateway Tower West
 15 West South Temple, Suite 900
 Salt Lake City, Utah 84101
 Telephone: 801/537-1700

TO THE UNITED STATES PATENT AND TRADEMARK
OFFICE: PLEASE DATE STAMP AND RETURN. THANK YOU.

SUBMITTED: Petition to Withdraw Holding of Abandonment; 2
Exhibits; 22 sheets of substitute drawings

Inventor(s): Wang Nang Wang et al.
Title: SEMICONDUCTOR LASER BASED ON MATRIX,
ARRAY OR SINGLE TRIANGLE OPTICAL CAVITY
WITH SPATIALLY DISTRIBUTED CURRENT
INJECTION
Serial No.: 10/038,488
Filing Date: January 3, 2002
Mailed: February 24, 2004
Docket: 1733.2.58



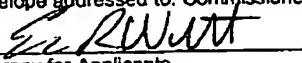
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on February 24, 2004.


Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/038,488
Applicant : Wang Nang Wang et al.
Filed : January 3, 2002
TC/A.U. : 2828
Examiner : Doris M. King
Docket No. : 1733.2.58
Customer No. : 21552

PETITION TO WITHDRAW HOLDING OF ABANDONMENT
UNDER 37 CFR § 1.181

Attention: Office of Petitions
Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This petition is submitted in response to the Notice of Abandonment mailed February 2, 2004. The above-referenced application was held abandoned for failure to submit formal drawings with the issue fee. However, the drawings were submitted along with the payment of the issue fee on October 21, 2003. A true copy of the Transmittal of Issue Fee and Substitute Drawings mailed on October 21, 2003 together with a replacement copy of the drawings are attached as Exhibit A. A return postcard was also stamped by the Patent and Trademark Office and indicated the foregoing documents were received by the Patent and Trademark Office on

October 24, 2003. A true copy of the returned postcard evidencing submission of and receipt of the issue fee is attached as Exhibit B.

Accordingly, Applicants hereby petition to withdraw the holding of abandonment under 37 CFR §1.181. If there are any remaining issues regarding this matter that may be clarified by telephone, the Office of Petitions is requested to call the undersigned.

Respectfully submitted,



Evan R. Witt
Reg. No. 32,512
Attorney for Applicants

Date: February 24, 2004

MADSON & METCALF
Gateway Tower West
15 West South Temple, Suite 900
Salt Lake City, Utah 84101
Telephone: 801/537-1700

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on October 21, 2003.


Eric R. Witten
Attorney for ApplicantsPATENT APPLICATION
Docket No. 1733.2.58

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Wang, et al.)
Serial No.: 10/038,488)
Filed: January 3, 2002)
For: SEMICONDUCTOR LASER BASED ON MATRIX,)
ARRAY OR SINGLE TRIANGLE OPTICAL)
CAVITY WITH SPATIALLY DISTRIBUTED)
CURRENT INJECTION)

TRANSMITTAL OF ISSUE FEE AND SUBSTITUTE DRAWINGS

Mail Stop Issue Fee
Commissioner for Patent
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

A Revocation of Power of Attorney for this matter was filed with the United States Patent Office on May 27, 2003, but was not entered. Therefore, we have not received PTO Form PTOL-85 for the above-referenced matter. Enclosed herewith is a Credit card payment form for the amount of \$695, to cover the issue fee and fee for 10 copies of the issued patent, and 22 sheets of substitute drawings. Please proceed to pay the issue fee for this matter prior to the deadline of November 5, 2003. MADSON & METCALF should be listed as the agent on the front page of the patent and the assignee is Arima Optoelectronics Corp., located in Taiwan.

Please credit any overpayment or charge any additional fees to Deposit Account No. 13-0763 of the undersigned. A duplicate copy of this sheet is enclosed.

Please address all future correspondence in connection with the above identified patent application to the attention of the undersigned.

Respectfully submitted,



Evan R. Witt
Reg. No. 32,512
Attorney for Applicants

Date: October 21, 2003

MADSON & METCALF
Gateway Tower West
15 West South Temple, Suite 900
Salt Lake City, Utah 84101
Telephone: 801/537-1700

TO THE UNITED STATES PATENT AND TRADEMARK
OFFICE: PLEASE DATE STAMP AND RETURN. THANK YOU.

SUBMITTED: Transmittal of Issue Fee and Substuite Drawings;
22 sheets of drawings; Credit card payment form
for the amount of \$695

Inventors: Wang et al.
Title: SEMICONDUCTOR LASER BASED ON MATRIX, ARRAY OR
SINGLE TRIANGLE OPTICAL CAVITY WITH SPATIALLY
DISTRIBUTED CURRENT INJECTION
Serial No.: 10/038,488
Filing Date: January 3, 2002
Mailed: October 21, 2003
Docket: 1733.2.58



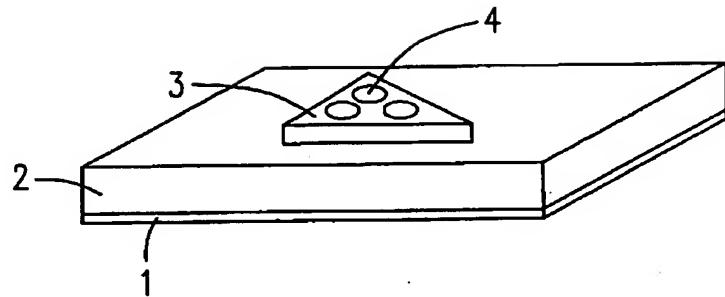


Fig. 1

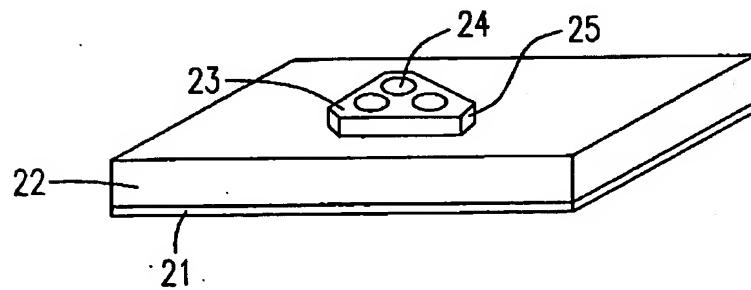


Fig. 2

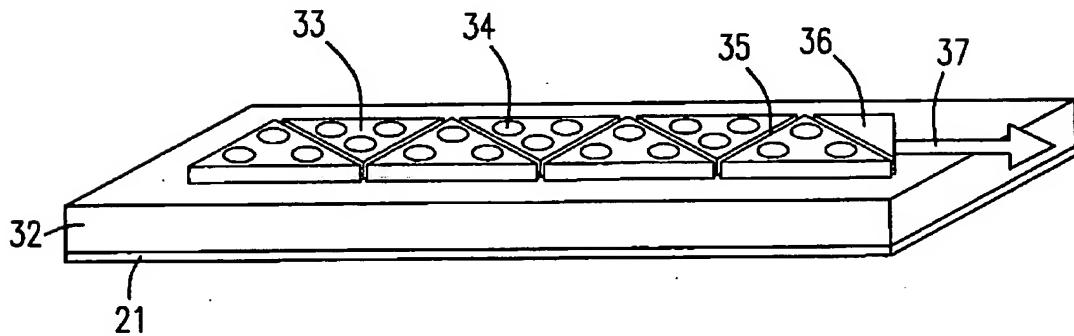


Fig. 3

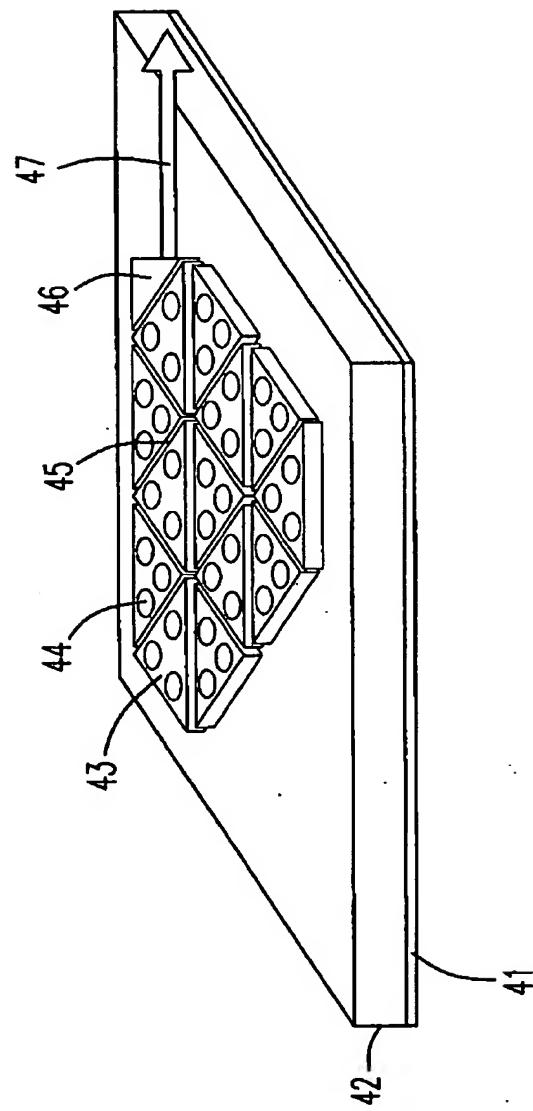


Fig. 4

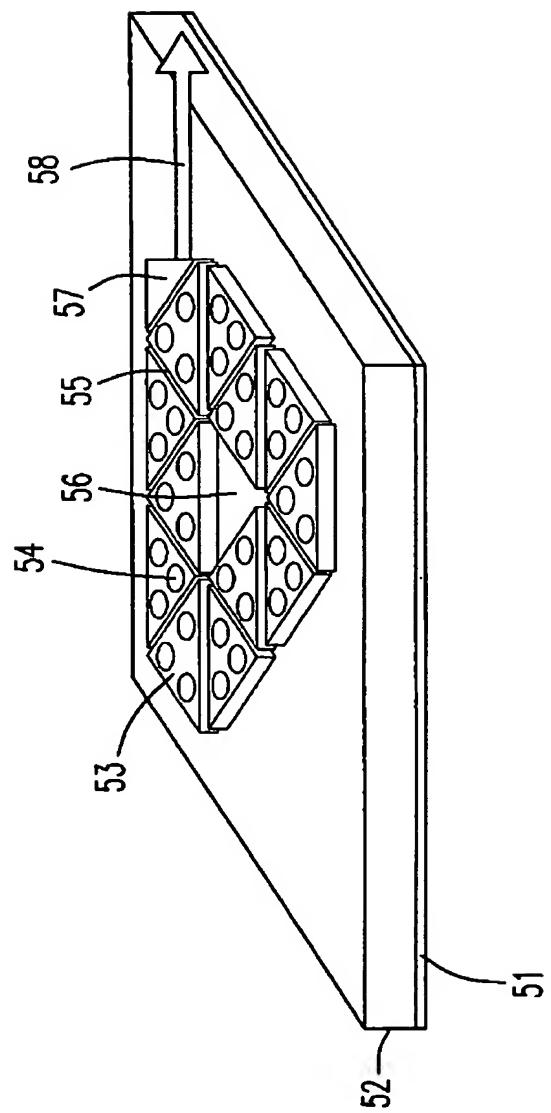


Fig. 5

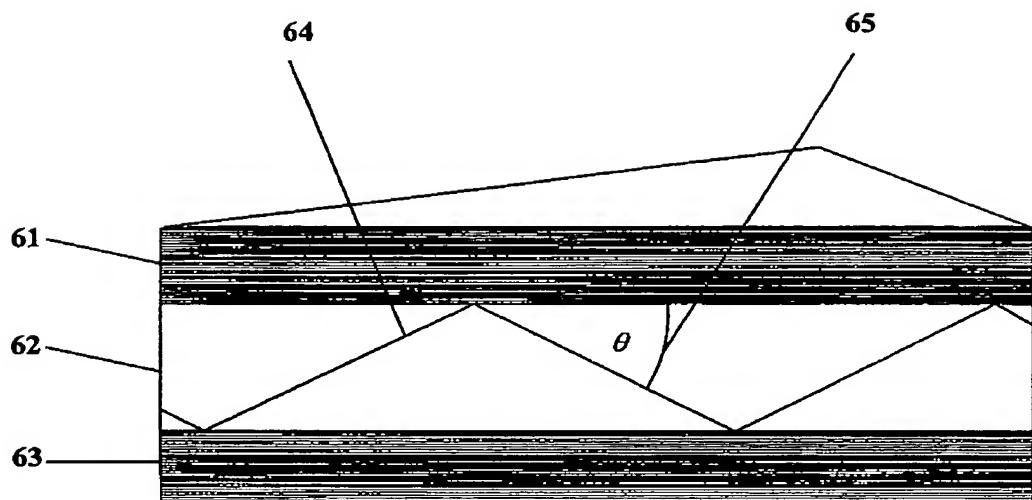


Fig. 6

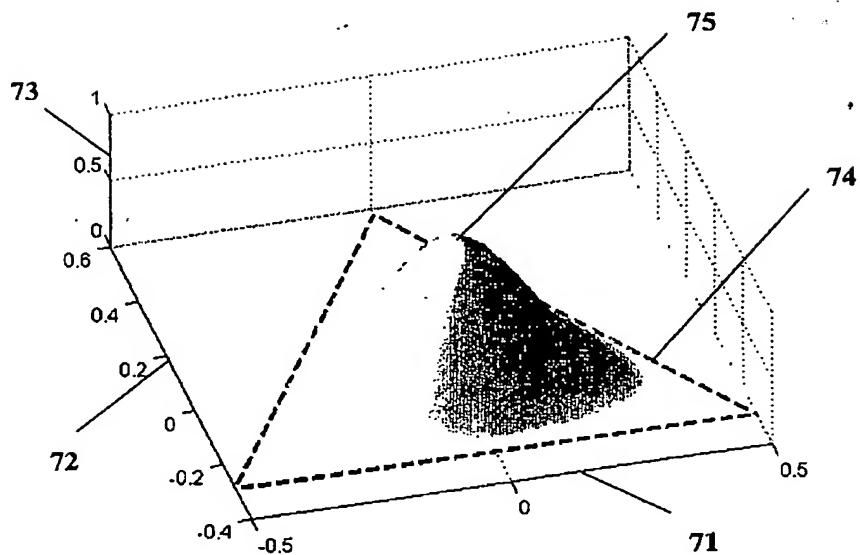


Fig. 7

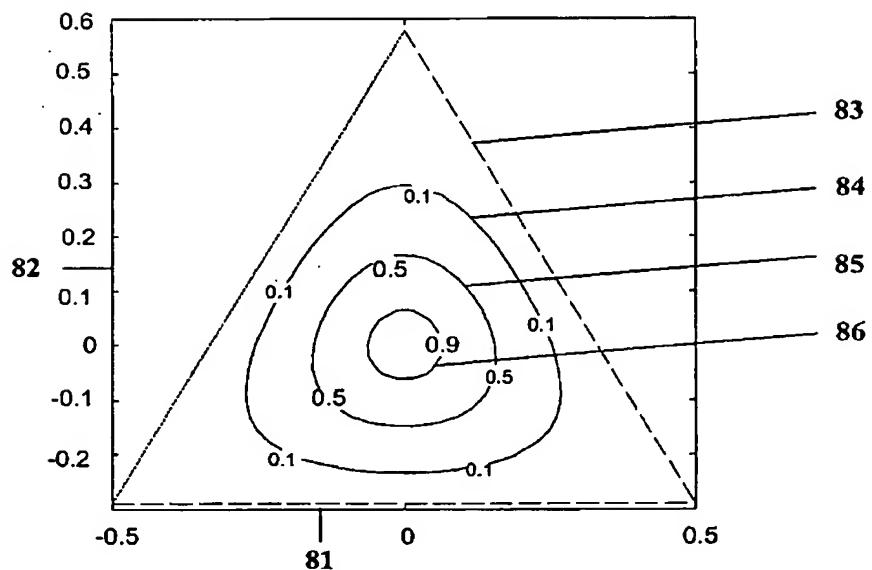


Fig. 8

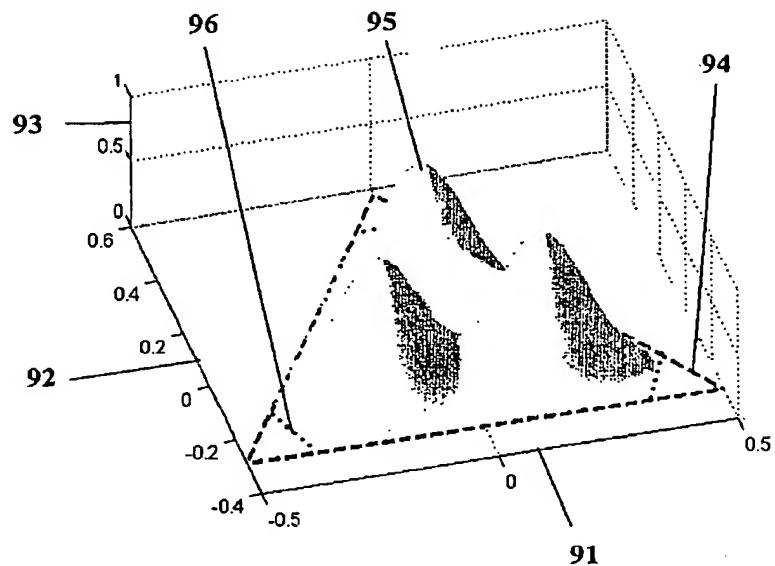


Fig. 9

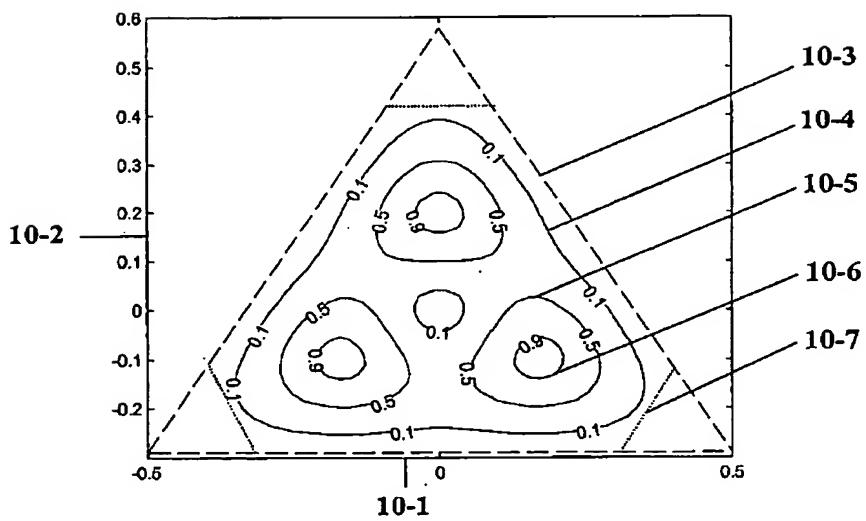


Fig. 10

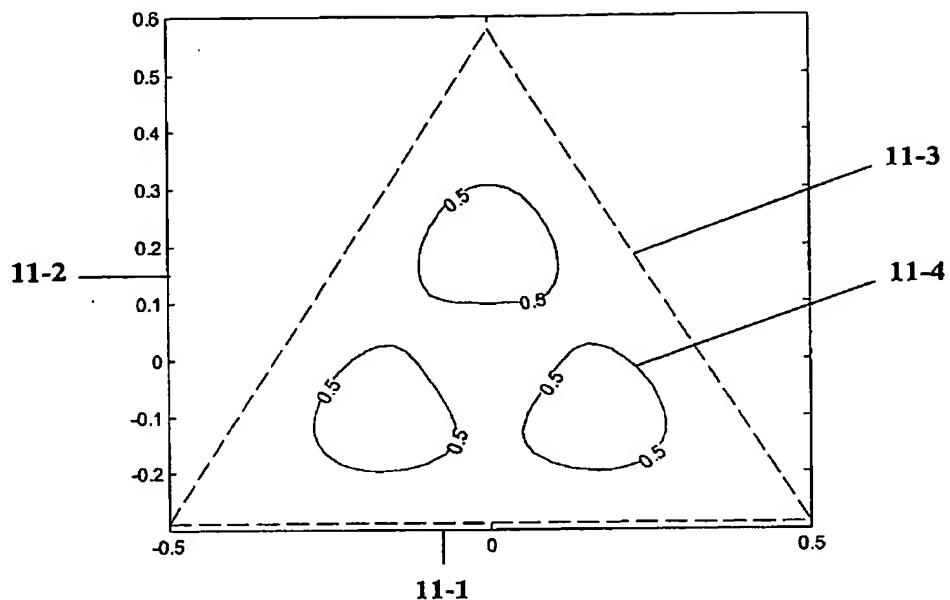


Fig. 11

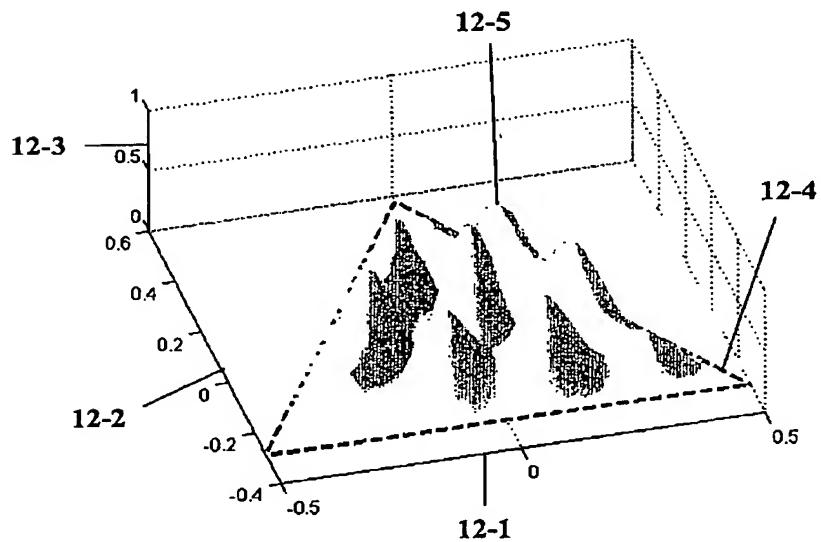


Fig. 12

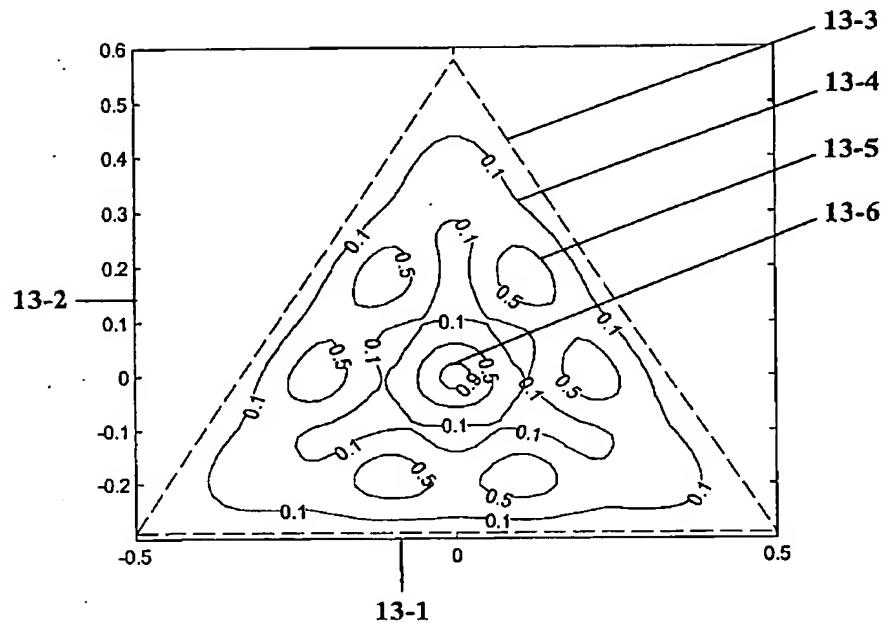


Fig.13

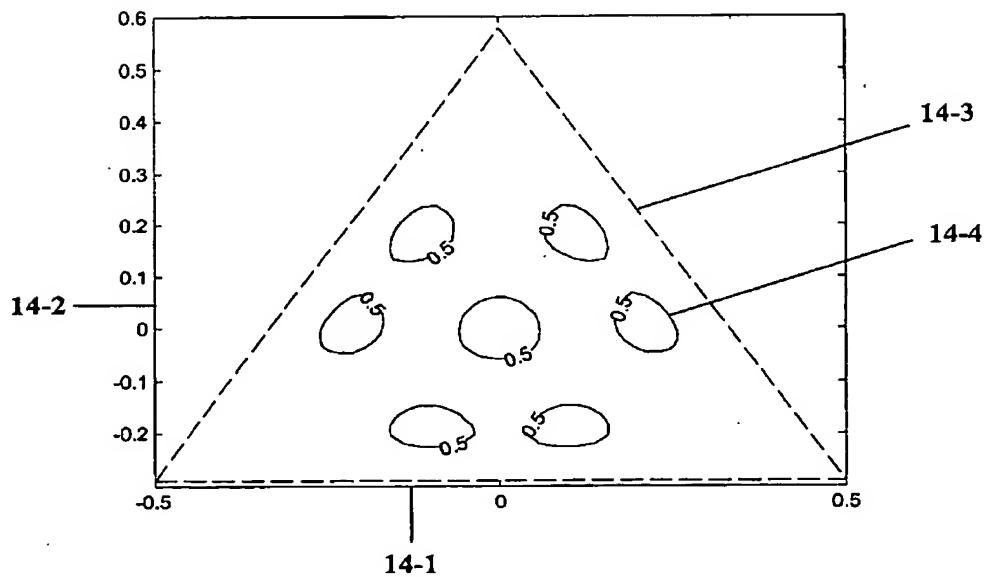


Fig.14

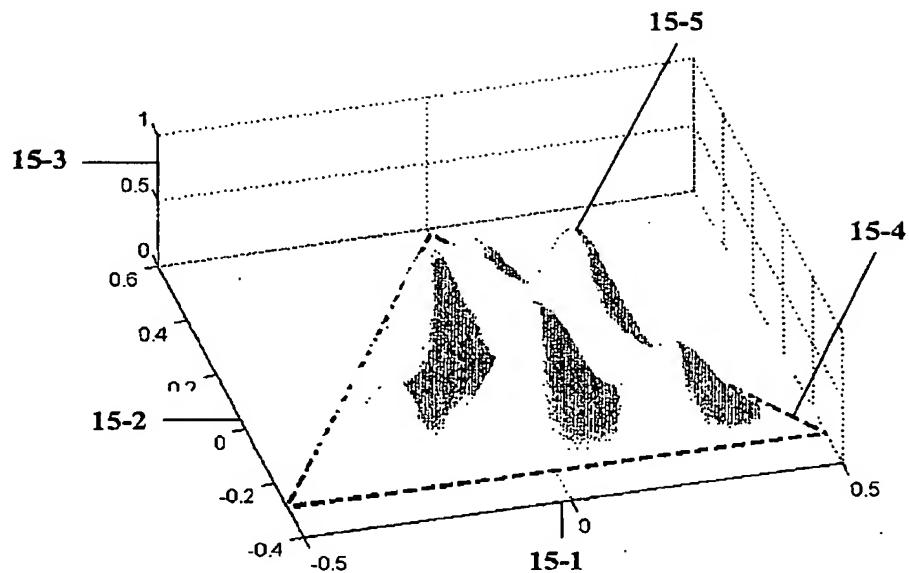


Fig.15

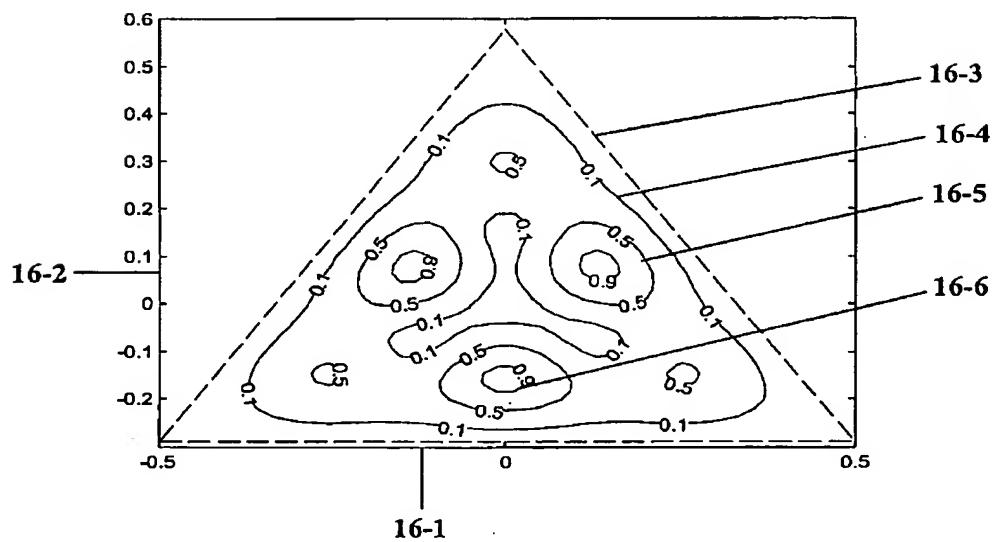


Fig.16

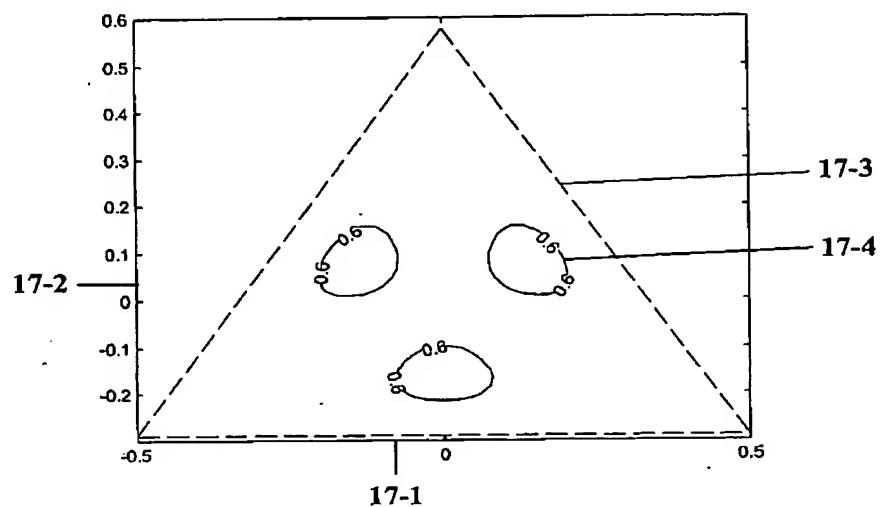


Fig.17

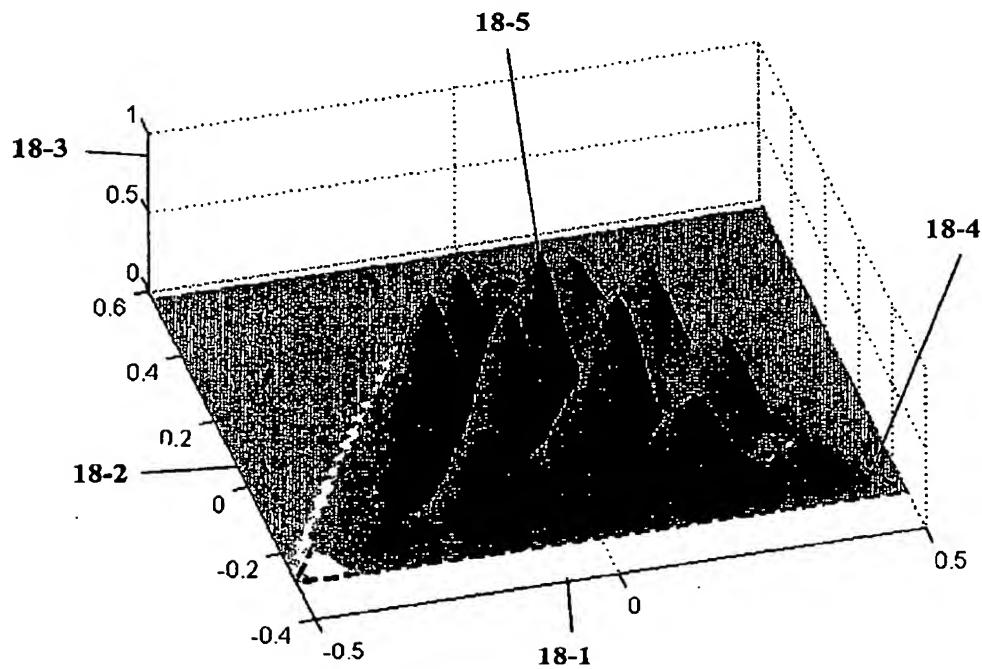


Fig.18

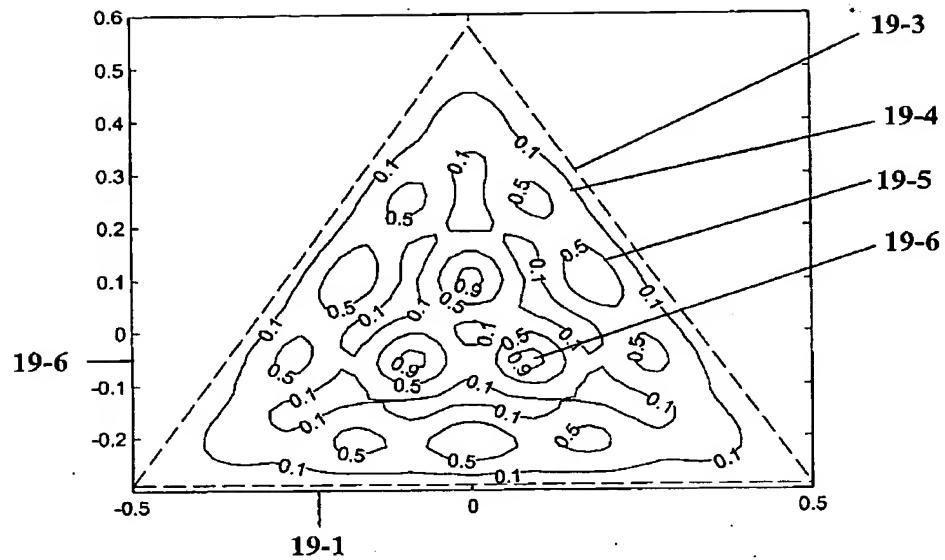


Fig.19

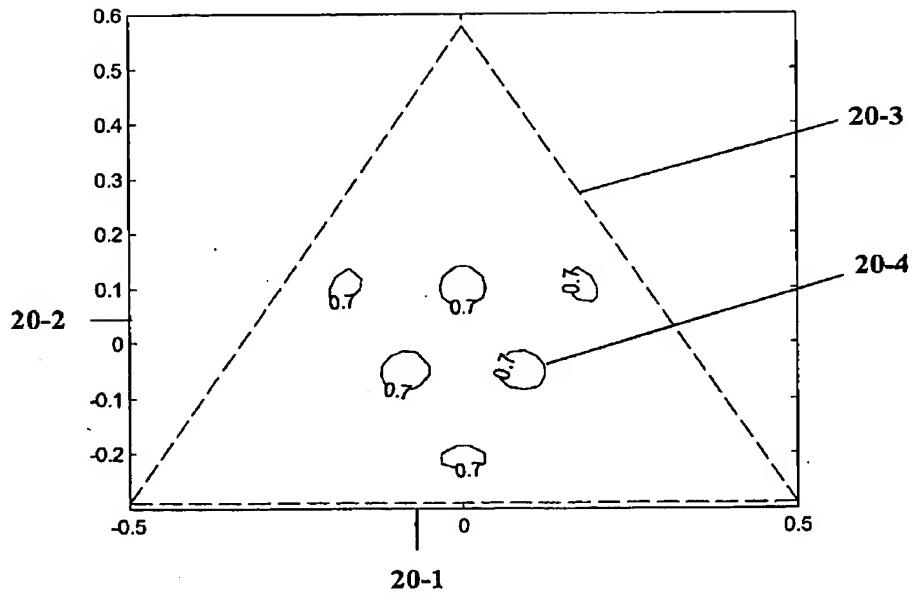


Fig.20

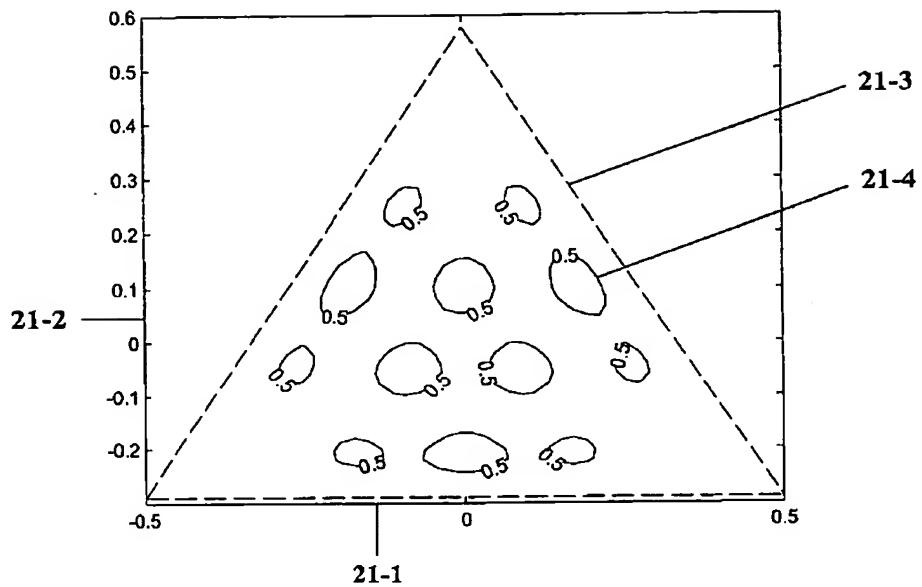


Fig.21

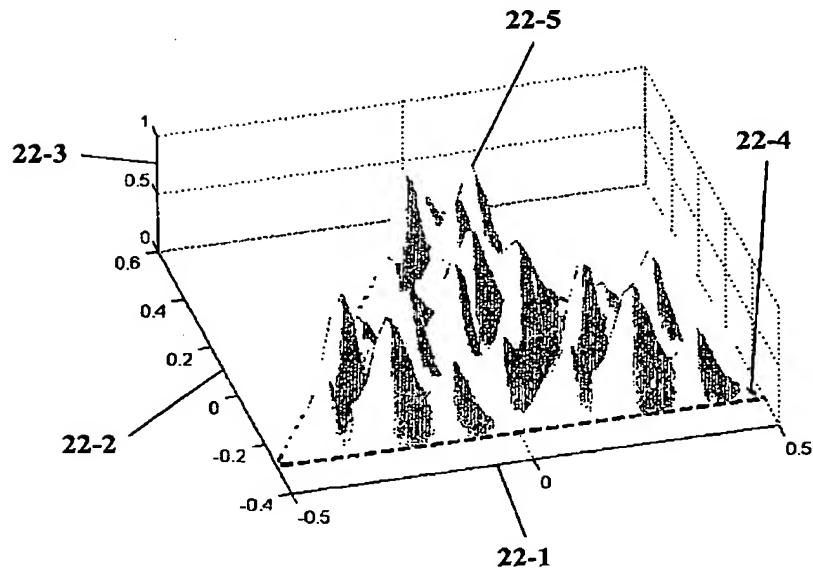


Fig.22

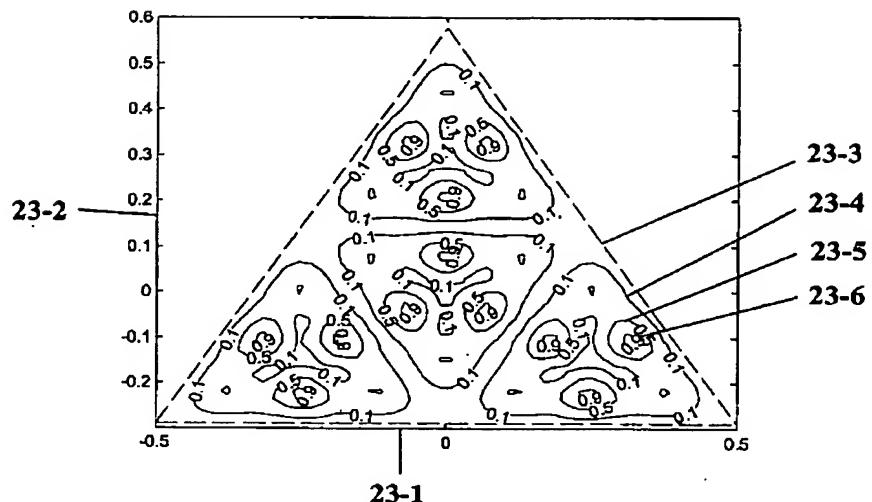


Fig.23

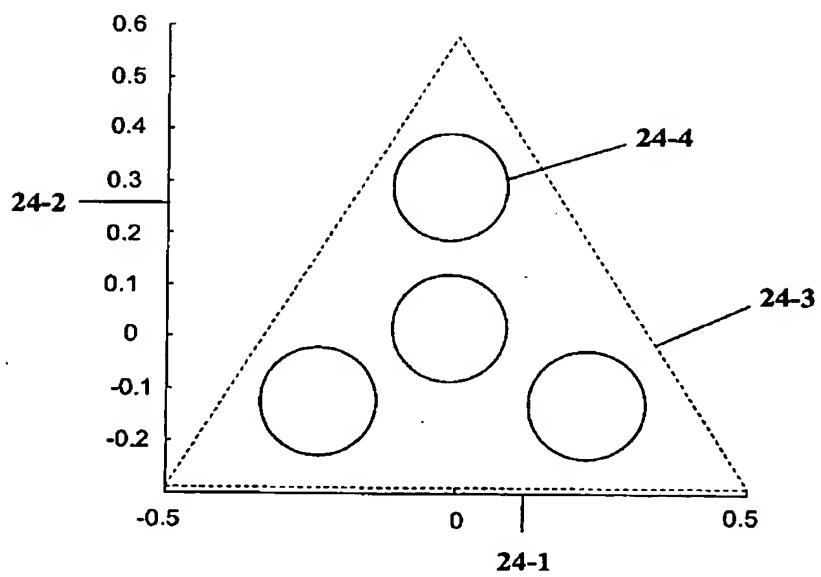


Fig.24

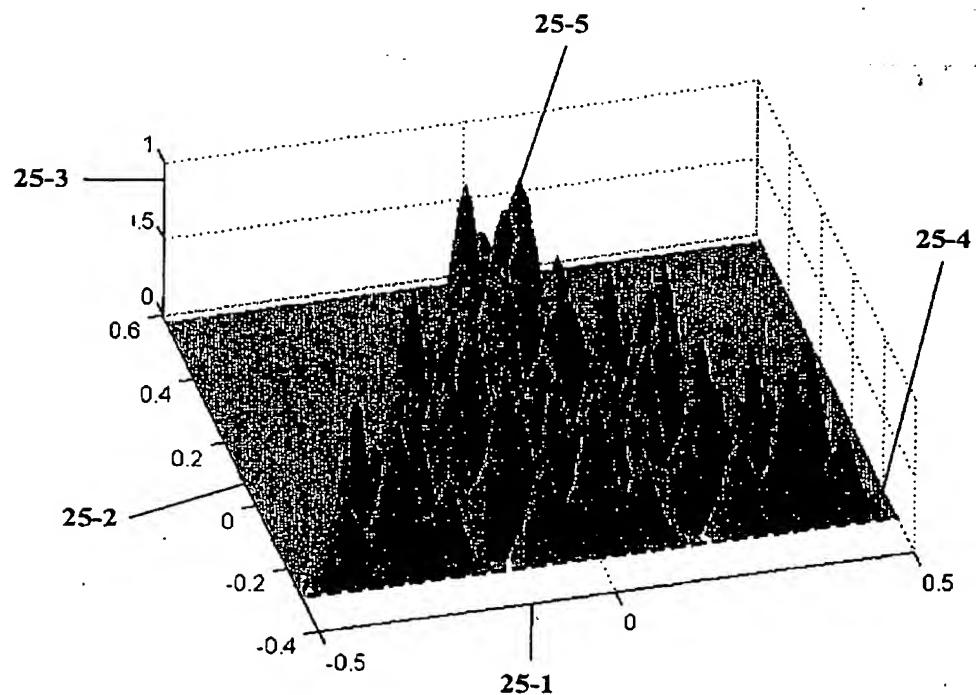


Fig.25

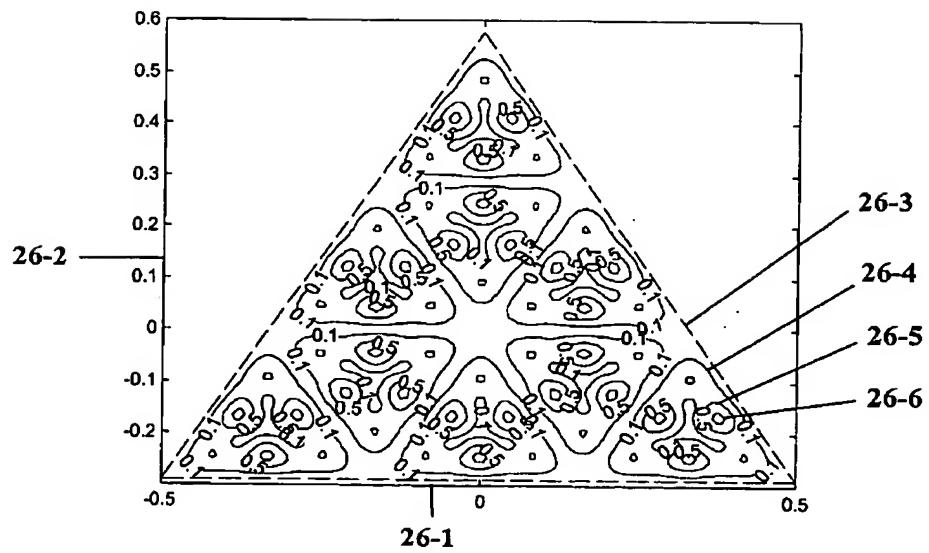


Fig.26

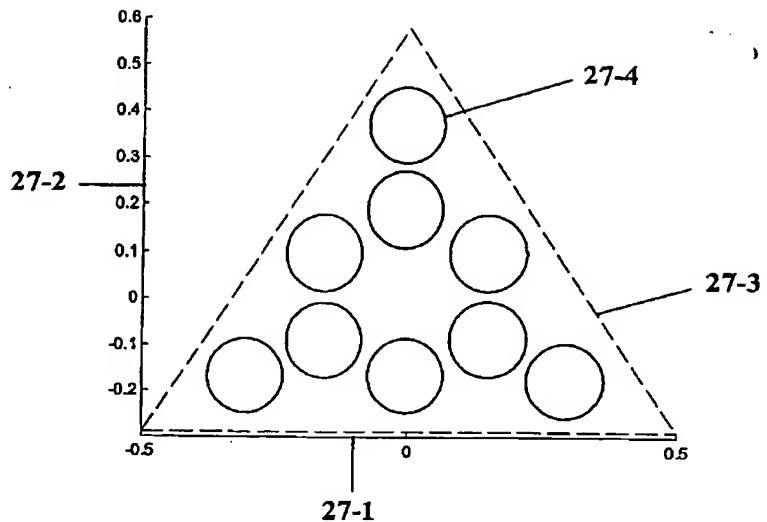


Fig.27

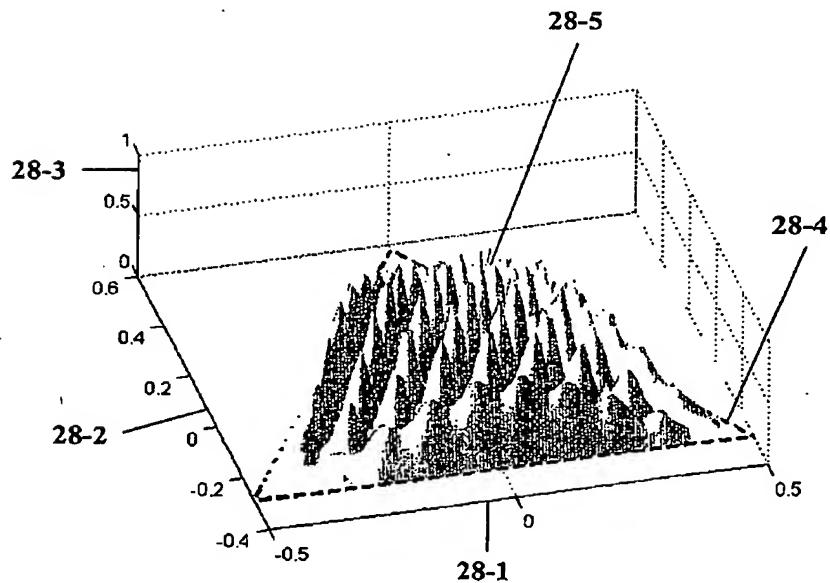


Fig.28

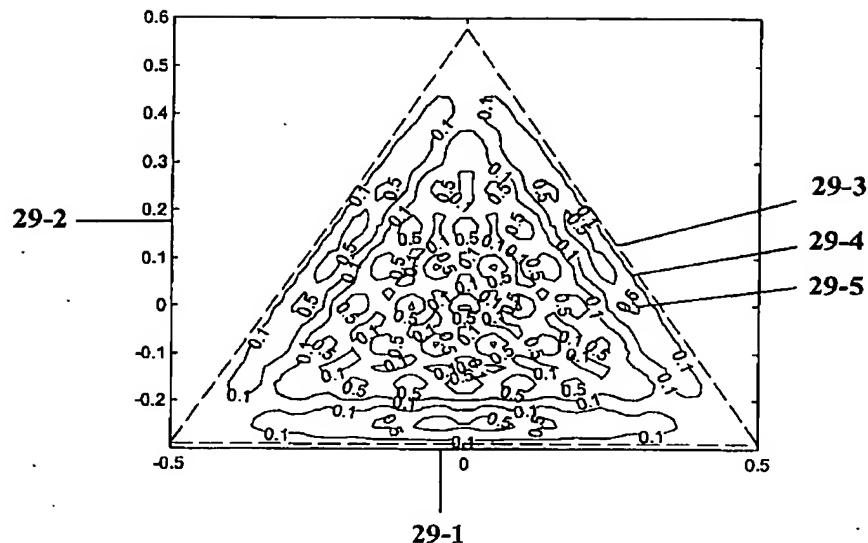


Fig.29

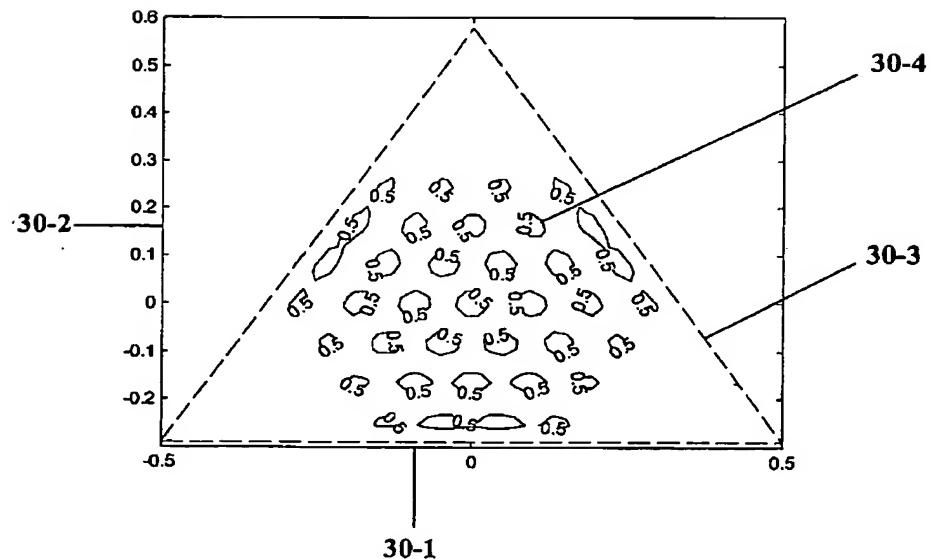


Fig.30

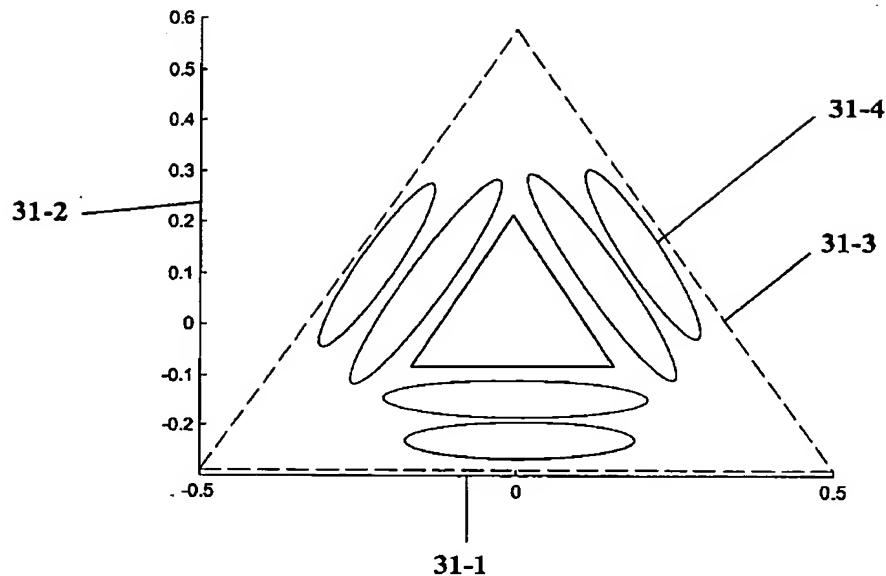


Fig.31

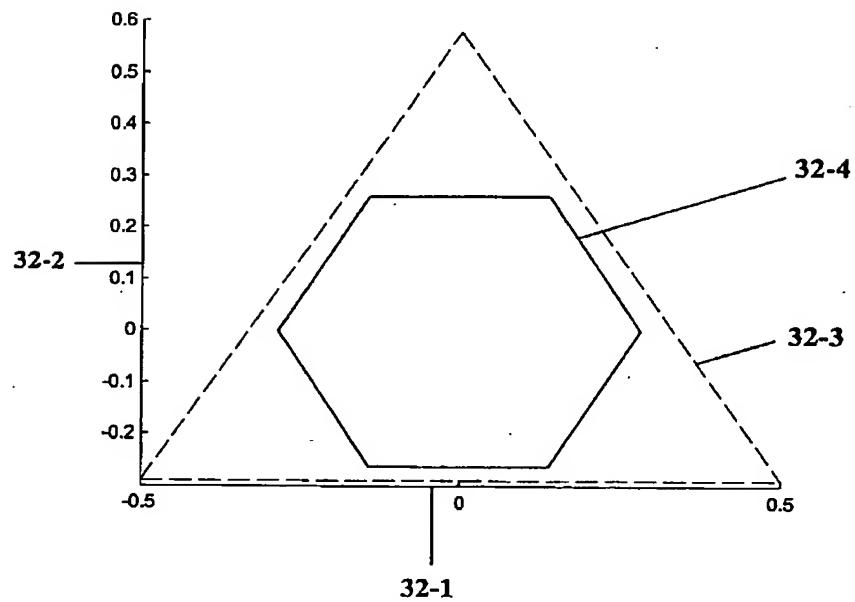


Fig.32

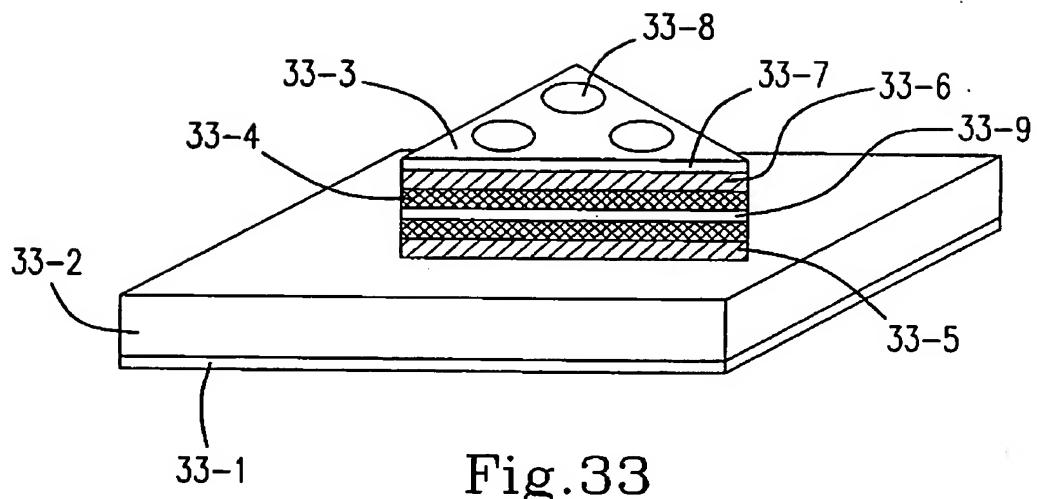


Fig.33

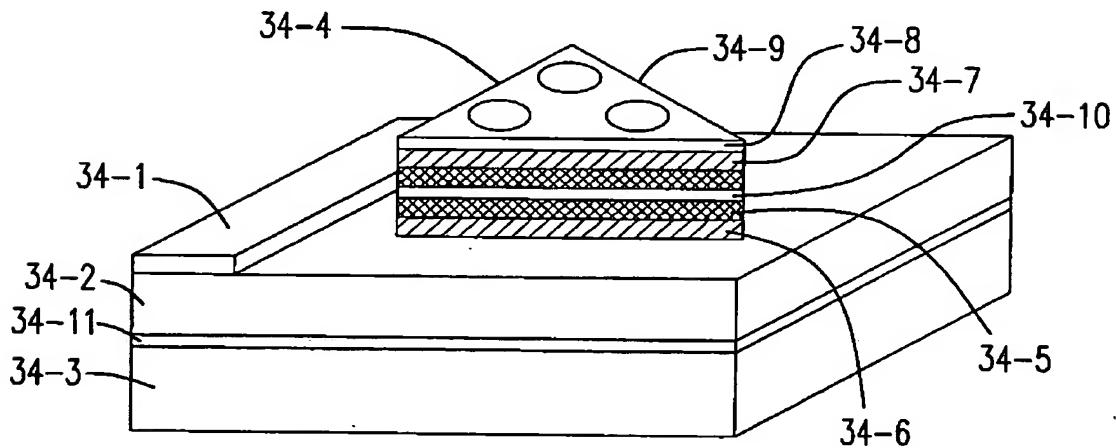


Fig.34

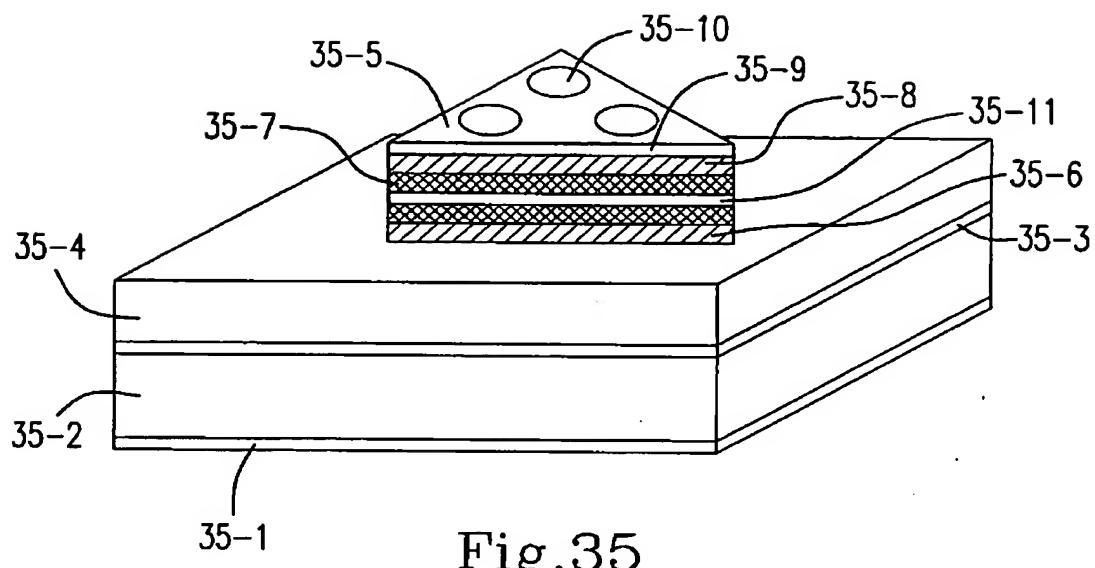


Fig.35

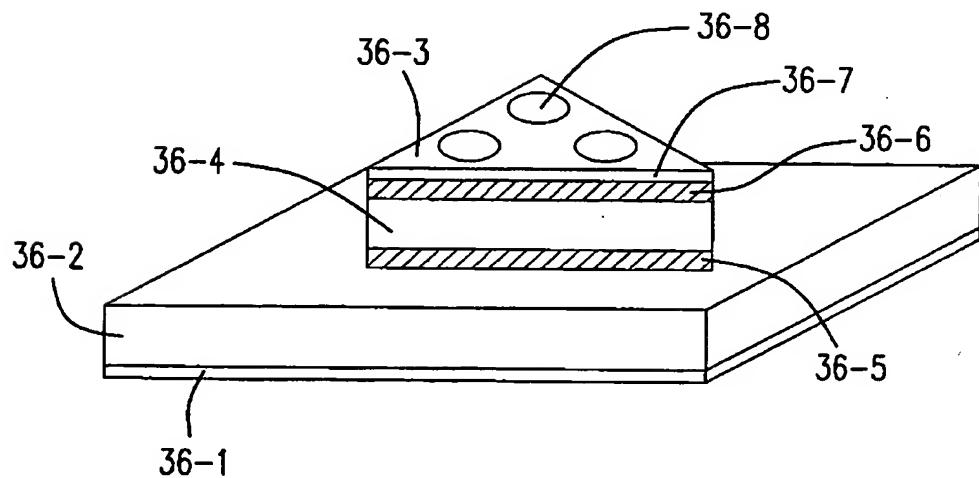


Fig.36

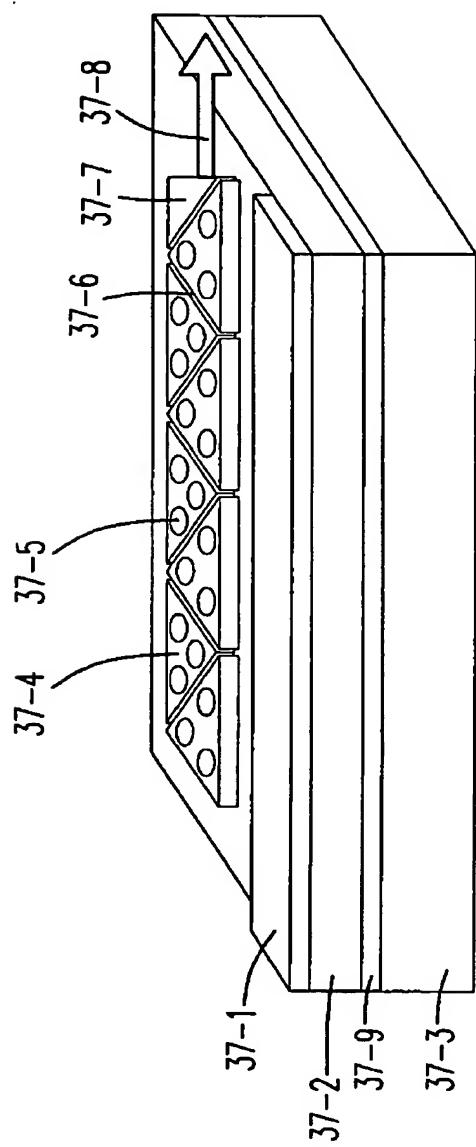


Fig. 37

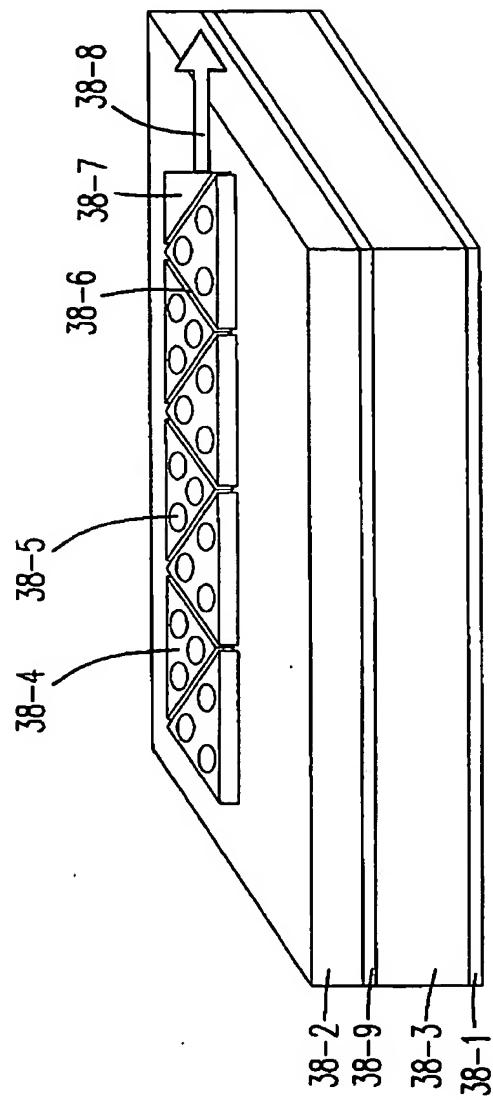


Fig.38

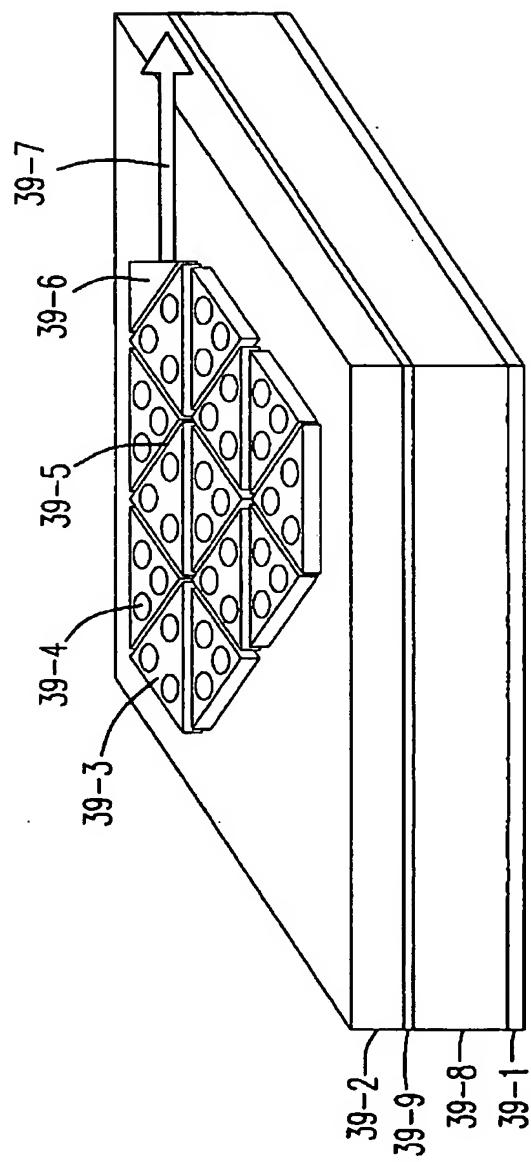


Fig. 39